Stream grid looks spotty
Posted by dmontes - 2009/02/20 05:11

_____

Hi:
I used a 30m DEM from our library, I created the Flow Direction Grid with ArcGIS, Filled using the model and created the Flow Accumulation and Stream/Grid with the model. Is this what the stream grid is supposed to look like? On forest it looks spotty. Off forest it looks better in some places. The green is the forest boundary. Thanks!

 http://www.tucson.ars.ag.gov/agwa/images/fbfiles/images/stream_grid_sfnf.jpg

==

Re:Stream grid looks spotty
Posted by isburns - 2009/02/20 14:28

_____

That doesn't look correct, but sometimes ArcMap has trouble displaying the connectivity when zoomed too far out. If you zoom in on streams that lack continuity at the zoom level of the picture, does it stay discontinuous? If not, it may be the order you performed the, fill, flow direction and flow accumulation grids. From what you wrote, it sounds as if you created the flow direction grid before filling the dem. The correct order is filling the dem, creating the flow direction grid, followed by the flow accumulation and stream grids. If that is the order you followed, then you shouldn't have anything to worry about and it's probably the zoom level I mentioned earlier.

shea

==

Re:Stream grid looks spotty
Posted by dmontes - 2009/02/20 17:46

_____

Hi Shea:
I think you are right on the creation order. I will try just using the model tools to create grids. I did create the flow direction grid in ArcGIS, before I realized the model had that function. Thanks for the tip. I will try zooming in also, just to check. This is my first time running a model like this for awhile. Thanks for the help. Is there someone monitoring the helpdesk on the weekend.? Thanks.
Danielle

==

Re:Stream grid looks spotty
Posted by isburns - 2009/02/20 23:32

_____

No, the forums aren't really monitored on the weekends, though occasionally you will get a response.

shea

==